

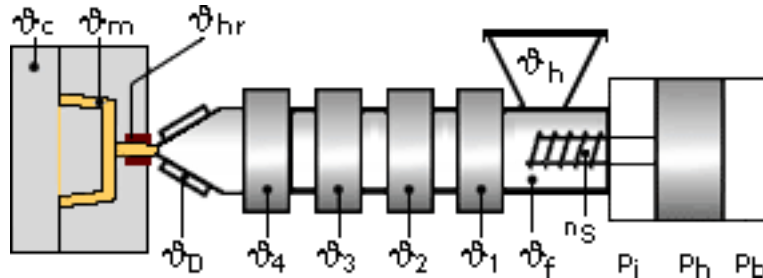
CELSTRAN® PP-GF50-02- Natural | PP | Glass Reinforced

Description

50% long strand glass fiber chemically coupled polypropylene, Natural

Physical properties	Value	Unit	Test Standard
Specific gravity	1.33	-	ASTM D792
Mechanical properties	Value	Unit	Test Standard
Elongation @ break (73°F)	1.4	%	ASTM D638
Tensile modulus (73°F)	1.60E6	psi	ASTM D638
Tensile strength @ break (73°F)	17500	psi	ASTM D638
Thermal properties	Value	Unit	Test Standard
Heat deflection temperature @264 psi	154	°C	ASTM D648

Typical injection moulding processing conditions



Pre Drying:

Necessary low maximum residual moisture content: 0.2%

It is normally not necessary to dry CELSTRAN PP. However, should there be surface moisture (condensate) on the molding compound as a result of incorrect storage, drying is required.

The product can then be stored in standard conditions until processed.

Drying time: 2.00 h

Drying temperature: 90 - 100 °C

Temperature:

	$\varnothing_{\text{Mold}}$	$\varnothing_{\text{Melt}}$	$\varnothing_{\text{Nozzle}}$	$\varnothing_{\text{Zone4}}$	$\varnothing_{\text{Zone3}}$	$\varnothing_{\text{Zone2}}$	$\varnothing_{\text{Zone1}}$	$\varnothing_{\text{Feed}}$
min (°C)	40	230	230	230	230	220	220	20
max (°C)	70	250	250	250	250	230	230	50

